

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I.# 0014131

OFFICE Design Policy & Support

Cherokee County
GDOT District 6 - Cartersville
SR 20 Widening – From CR 281/Scott Road
To CR 762 Union Hill Road

DATE 1/2/2018

FROM  for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

DISTRIBUTION:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3
Albert Shelby, Director of Program Delivery
Darryl VanMeter, Assistant Director of P3/State Innovative Delivery Administrator
Kim Nesbitt, Program Delivery Administrator
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Eric Duff, State Environmental Administrator
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Benny Walden, Statewide Location Bureau Chief
DeWayne Comer, District Engineer
David Acree, District Preconstruction Engineer
Joe Ciavarro, District Planning & Programming Engineer
Keith Day, Area Engineer - D6, A1
Cleopatra James, Project Manager
BOARD MEMBER - 11th Congressional District

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0014131
Cherokee County
Widening and Reconstruction SR 20
from CR 281/ Scott Road to CR 762/Union Hill Road

OFFICE Program Delivery
DATE October 26, 2017

FROM Kimberly W. Nesbitt, State Program Delivery Administrator
Kristal Stovall-Dixon

TO Brent A. Story, P.E., State Design Policy and Support Engineer

SUBJECT Request for Location and Design Approval

Description and Project Proposal:

Project PI No. 0014131 proposes to widen SR 20 from Scott Rd to Union Hill Rd in Cherokee County. The project is part of a corridor of projects to widen SR 20 from Canton to Cumming (see attached Project Location map). The project will widen SR 20 to six lanes (three lanes in each direction) separated by a 20 ft raised median (see attached typical sections). There will be urban shoulders with curb and gutter and a 5 ft sidewalk on both sides of the road. Auxiliary turn lanes will be added at major driveways and intersections. The proposed length is approximately 2.0 miles beginning just east of Scott Rd and ending just east of Union Hill Rd. The project resides within an MS4 area which requires that runoff from new impervious surfaces must be treated for water quality as well as water detention to prevent downstream flooding. To satisfy the MS4 requirements the project proposes to capture all pavement runoff through use of curb and gutter into a closed drainage system, which would pipe roadway runoff to permanent dry detention basins to treat for water quality as well as to detain and provide protection from downstream flooding. The proposed design speed is 45 mph.

Concept Approval Date: *November 9, 2017* *(EKP)*

Concept Update: N/A

Environmental Document: State Funded. No Environmental Document.

Public Involvement:

Five Public Involvement Open Houses (PIOH) were held for the entire corridor, including PIs 0014131, 0014132, 0014133, 0002862, and 0003682. The information presented reflects the comments received for the entire corridor.

- PIOH #1 (Scoping Meeting)
 - Canton - May 21, 2013 – 56 comments – 213 in attendance
 - Cumming - May 17, 2013 - 47 comments – 148 in attendance
 - Frequently heard suggestions include preserving community character/rural nature of the corridor, widening of SR 20 to four lanes and addition of turn lanes, looking for new location, bypass of Canton Marketplace congestion for through traffic, and requests to bring back the Northern Arc. The costs and benefits of rerouting SR 20 were also voiced. Attendees were vocal in their opposition to bike lanes along SR20. Attendees provided responses to survey questions regarding priorities, destinations, safety concerns, needed improvements, and travel habits along SR 20
- PIOH #2 – December 2013
 - Canton – 12/10/13 – 73 comments (26 for, 27 conditional, 13 against) – 259 in attendance
 - Cumming – 12/12/13 - 68 comments (12 for, 39 conditional, 12 against) – 273 in attendance
 - Comments were received both in support and against the various alternatives presented (widening existing, localized bypasses, new location facility, etc.).
- PIOH #3 – September 2015
 - Canton – 9/15/15 – 103 comments (20 for, 39 conditional, 10 against, 39 Unclear) – 487 in attendance
 - Cumming – 9/17/15 – 104 comments (36 for, 21 conditional, 3 against, 41 Unclear) – 440 in attendance
 - Primary comments noted that traffic is terrible and the improvements are much needed, safety is a huge concern, concern about property impacts, concern about the alternatives in Cumming, and support of widening SR 20.
- PIOH #4 – December 2016
 - Cumming – 12/6/16 – 31 comments (17 for, 10 conditional, 2 against, 2 Unclear) – 312 in attendance
 - Canton – 12/15/16 – 28 comments (8 for, 15 conditional, 1 against, 4 Unclear) – 513 in attendance
 - Overall, the project was extremely well received. The main areas of concern were regarding increased truck traffic, access with RCUTs and MUTs, right of way process, increased noise/pollution, historic properties, and not addressing the issues in Cumming.
- PIOH #5 – May 2017
 - Cumming – 5/8/17 – 57 comments (11 for, 15 conditional, 17 against, 14 Unclear) – 309 in attendance

- Canton – 5/16/17 – 82 comments (28 for, 22 conditional, 30 against, 2 Unclear) – 358 in attendance
- Comments were received both for and against 6 lanes and for and against RCUTS. There was concern about not addressing the issues in Cumming, need to restrict truck traffic, impacts to historic properties, change in character of the area, and right of way process/impacts.

Consistency with Approved Planning:

The design description as presented herein and submitted for approval is consistent with the Concept Report.

Recommendations:

Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

CONCUR:

Hiral Patel

GDOT Director of Engineering

APPROVE:

pp. Meg Pridle ^{DS}

GDOT Chief Engineer

12/28/2017
Date

DATE OF LOCATION AND DESIGN APPROVAL

January 2, 2018

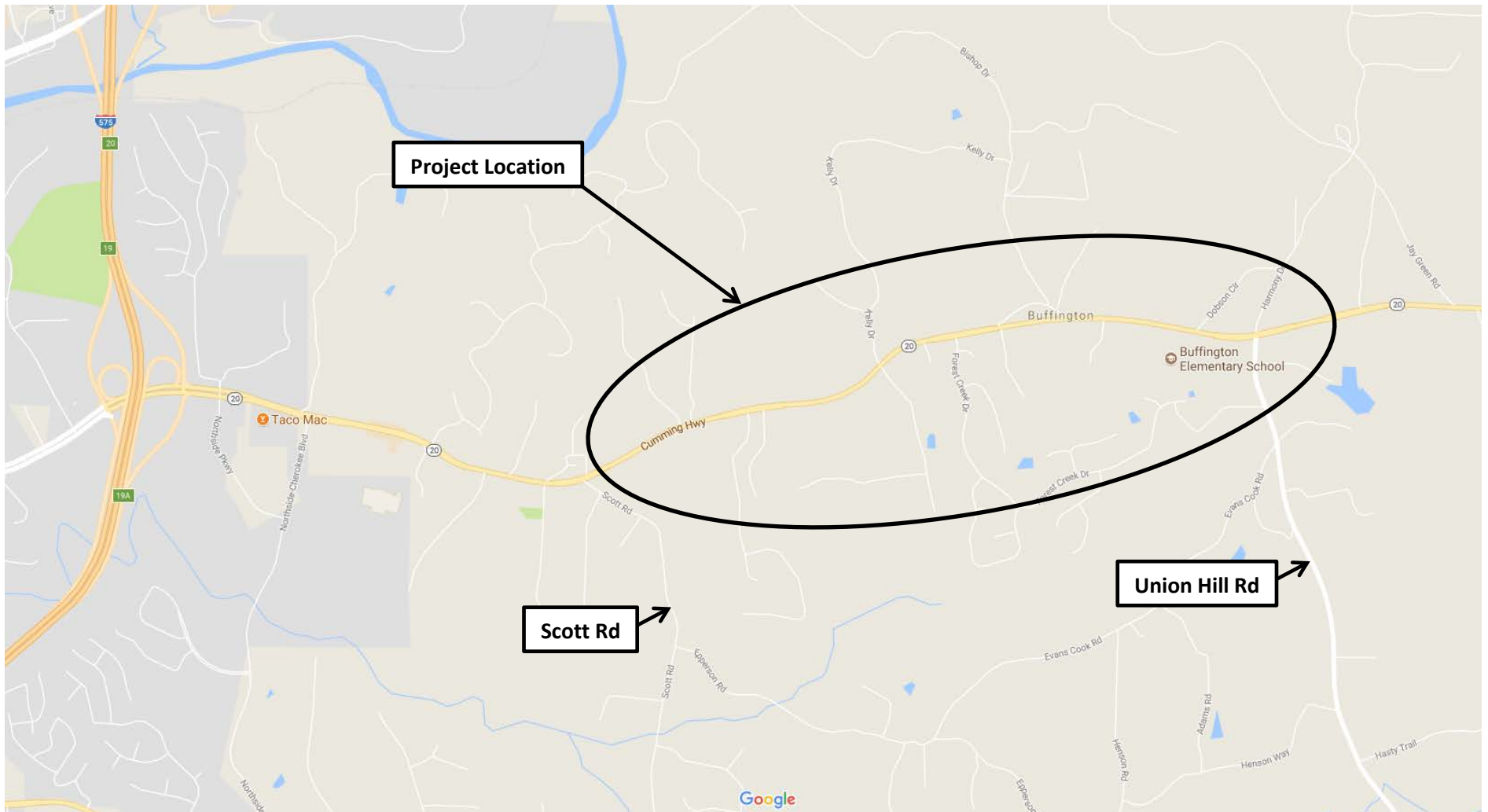
DRP

Attachments:

- Project Location Map
- Cost Estimate
- Typical Sections
- Notice of Location and Design Approval

PROJECT LOCATION MAP

PI 0014131



DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. **0014131** **OFFICE** Program Delivery

PROJECT DESCRIPTION

SR 20 FROM CR 281/SCOTT ROAD TO CR 762/UNION HILL ROAD

DATE June 21, 2017
Revised 10/12/17

From: Albert Shelby III, State Program Delivery Administrator

To: Lisa L. Myers, State Project Review Engineer
via Email Mailbox: CostEstimatesandUpdates@dot.ga.gov

Subject: REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER Cleopatra James

MGMT LET DATE 7/15/2019

MGMT ROW DATE 7/15/2017

PROGRAMMED COSTS (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$ 13,230,000.00

DATE 9/2/2016

RIGHT OF WAY \$ 12,883,050.00

DATE 9/2/2016

UTILITIES \$

DATE

REVISED COST ESTIMATES

CONSTRUCTION* \$ 22,316,055.18

RIGHT OF WAY \$ 13,967,000.00

UTILITIES \$ 1,975,000.00

*Cost Contains **5** % Contingency

REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:

The increase in construction costs was due to the previous estimate being based on 4 lanes instead of 6 lanes, rural shoulders instead of urban shoulders, open systems instead of closed drainage systems, and the addition of full depth paving and MS4 basins. A 5% contingency was added to the Construction estimate for risk. At the time of the last update, Utilities information was not available and the current estimate is based on the best available information at the current stage. The ROW cost increase is based on a more thorough review of the current plans.

CONTINGENCY SUMMARY

A. CONSTRUCTION COST ESTIMATE:	\$ 19,475,115.81	Base Estimate From CES	
B. ENGINEERING AND INSPECTION (E & I):	\$ 973,755.79	Base Estimate (A) x	5 %
C. CONTINGENCY:	\$ 1,022,443.58	Base Estimate (A) + E & I (B) x	5 %
		See % Table in "Risk Based Cost Estimation" Memo	
D. TOTAL LIQUID AC ADJUSTMENT:	\$ 844,740.00	Total From Liquid AC Spreadsheet	
E. CONSTRUCTION TOTAL:	\$ 22,316,055.18	(A + B + C + D = E)	

REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
Southern Company (GPC Distribution)	\$ 1,975,000.00
TOTAL	\$ 1,975,000.00

ATTACHMENTS: (File Copy in the Project Cost Estimate Folder)

Detailed Cost Estimate Printout
Liquid AC Adjustment Spreadsheet
Utilities Cost Estimate

PROJ. NO.	N/A
P.I. NO.	0014131
DATE	10/12/2017

CALL NO. 0/00/2016

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Oct-17	\$ 2.638
DIESEL		\$ 2.772
LIQUID AC		\$ 359.00

Link to AC Index:

<http://www.dot.ga.gov/PS/Materials/AsphaltFuelIndex>**LIQUID AC ADJUSTMENTS**

PA=[((APM-APL)/APL)]xTMTxAPL

Asphalt

Price Adjustment (PA)				822784.92	\$	822,784.92
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	574.40		
Monthly Asphalt Cement Price month project let (APL)			\$	359.00		
Total Monthly Tonnage of asphalt cement (TMT)				3819.8		

ASPHALT	Tons	%AC	AC ton
Leveling	2000	5.0%	100
12.5 OGFC		5.0%	0
12.5 mm	10435	5.0%	521.75
9.5 mm SP		5.0%	0
25 mm SP	50410	5.0%	2520.5
19 mm SP	13551	5.0%	677.55
	76396		3819.8

BITUMINOUS TACK COAT

Price Adjustment (PA)				\$ 21,955.08	\$	21,955.08
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	574.40		
Monthly Asphalt Cement Price month project let (APL)			\$	359.00		
Total Monthly Tonnage of asphalt cement (TMT)				101.92704		

Bitum Tack

Gals	gals/ton	tons
23731	232.8234	101.92704

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA)				0	\$	-
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	60%	\$	574.40		
Monthly Asphalt Cement Price month project let (APL)			\$	359.00		
Total Monthly Tonnage of asphalt cement (TMT)				0		

Bitum Tack	SY	Gals/SY	Gals	gals/ton	tons
Single Surf. Trmt.		0.20	0	232.8234	0
Double Surf.Trmt.		0.44	0	232.8234	0
Triple Surf. Trmt		0.71	0	232.8234	0

TOTAL LIQUID AC ADJUSTMENT	\$	844,740.00
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JOB ESTIMATE REPORT

JOB NUMBER : 0014131 SPEC YEAR: 13
DESCRIPTION: SR 20 FROM CR 281/SCOTT RD TO CR 762/UNION HILL RD

ITEMS FOR JOB 0014131

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - 0014131	1.000	1500000.00	1500000.00
0010	150-5010		EA	TRAF CTRL,PORTABLE IMPACT ATTN	17.000	7788.52	132404.92
0015	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	95413.10	95413.10
0019	201-1500		LS	CLEARING & GRUBBING - 0014131	1.000	1733600.00	1733600.00
0020	205-0001		CY	UNCLASS EXCAV	283754.000	6.51	1848084.13
0039	310-1101		TN	GR AGGR BASE CRS, INCL MATL	119099.000	21.75	2590928.48
0040	402-1812		TN	RECYL AC LEVELING,INC BM&HL	2000.000	80.00	160000.00
0045	402-3121		TN	RECYL AC 25MM SP,GP1/2,BM&HL	50410.000	80.00	4032800.00
0050	402-4510		TN	RECYL AC 12.5 MM SP,GP2ONLY,INC P-MBM&HL	10435.000	80.00	834800.00
0055	402-3190		TN	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	13551.000	80.00	1084080.00
0060	413-0750		GL	TACK COAT	23731.000	2.57	60988.67
0065	441-0016		SY	DRIVEWAY CONCRETE, 6 IN TK	892.000	39.93	35624.31
0070	441-0018		SY	DRIVEWAY CONCRETE, 8 IN TK	89.000	51.54	4587.63
0075	441-0104		SY	CONC SIDEWALK, 4 IN	2141.000	37.50	80306.32
0080	441-0740		SY	CONC MEDIAN, 4 IN	11107.000	23.11	256720.98
0085	441-4020		SY	CONC VALLEY GUTTER, 6 IN -	1288.000	39.36	50707.53
0090	441-6740		LF	CONC CURB & GUTTER/ 8x30 TP7 -	44389.000	12.78	567709.56
0095	620-0100		LF	TEMP BARRIER, METHOD NO. 1 -	19700.000	24.12	475202.61
0100	621-4060		LF	CONCRETE SIDE BARRIER, TY 6 -	100.000	240.00	24000.00
0105	621-4061		LF	CONCRETE SIDE BARRIER, TY 6A -	150.000	257.28	38592.00
0110	621-4062		LF	CONCRETE SIDE BARRIER, TY 6B -	150.000	240.00	36000.00
0115	621-4063		LF	CONCRETE SIDE BARRIER, TY 6C -	125.000	747.69	93461.25
0120	634-1200		EA	RIGHT OF WAY MARKERS -	246.000	108.11	26597.18
0125	641-1100		LF	GUARDRAIL, TP T -	88.000	69.50	6116.21
0130	641-1200		LF	GUARDRAIL, TP W -	7157.000	17.56	125722.08
0135	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1 -	63.000	811.07	51097.62
0140	641-5020		EA	GUARDRL, ANCHOR, TP 12B,31 IN, FLR, E/A	4.000	2420.33	9681.32
0145	643-8200		LF	BARRIER FENCE (ORANGE), 4 FT -	5000.000	1.64	8213.00
0150	206-0002		CY	BORROW EXCAV, INCL MATL -	25000.000	7.25	181496.75
0155	441-0204		SY	PLAIN CONC DITCH PAVING, 4 IN -	2500.000	34.52	86320.48
0160	550-1180		LF	STM DR PIPE 18,H 1-10 -	12100.000	37.42	452839.48
0165	550-1240		LF	STM DR PIPE 24,H 1-10 -	638.000	53.76	34303.79
0170	550-1360		LF	STM DR PIPE 36,H 1-10 -	250.000	76.96	19241.51
0175	550-2180		LF	SIDE DR PIPE 18,H 1-10 -	5600.000	27.89	156207.41
0180	550-3418		EA	SAFETY END SECTION 18,SD,4:1 -	112.000	321.95	36059.40
0185	550-4218		EA	FLARED END SECT 18 IN, ST DR -	1.000	637.12	637.13
0190	550-4224		EA	FLARED END SECT 24 IN, ST DR -	4.000	737.03	2948.15
0195	550-4236		EA	FLARED END SECT 36 IN, ST DR -	2.000	1248.51	2497.03
0200	600-0001		CY	FLOWABLE FILL -	25.000	254.33	6358.27
0205	668-1100		EA	CATCH BASIN, GP 1 -	69.000	2442.07	168503.26
0210	668-1110		LF	CATCH BASIN, GP 1, ADDL DEPTH -	100.000	203.01	20301.68

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JOB ESTIMATE REPORT

0215	668-2100	EA	DROP INLET, GP 1 -	3.000	2156.67	6470.03
0220	668-2110	LF	DROP INLET, GP 1, ADDL DEPTH -	75.000	195.60	14670.03
0225	668-4300	EA	STORM SEW MANHOLE, TP 1 -	1.000	2194.01	2194.02
0230	999-3110	EA	DETENTION POND -	7.000	88000.00	616000.00
0235	163-0232	AC	TEMPORARY GRASSING -	18.000	698.42	12571.66
0240	163-0240	TN	MULCH -	676.000	173.61	117362.59
0245	163-0300	EA	CONSTRUCTION EXIT -	14.000	1351.37	18919.21
0250	163-0503	EA	CONSTR AND REMOVE SILT CONTROL GATE,TP 3 -	56.000	377.89	21162.10
0255	163-0520	LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN -	1500.000	13.84	20770.83
0260	163-0527	EA	CNST/REM RIP RAP CKDM,STN P RIPRAP/SN BG -	563.000	289.52	163002.94
0265	163-0531	EA	CONSTR & REM SEDIMENT BASIN,TP 1,STA NO- 7 LOCATIONS	7.000	13732.28	96126.01
0270	163-0550	EA	CONS & REM INLET SEDIMENT TRAP -	73.000	141.81	10352.84
0275	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C -	14500.000	0.63	9212.00
0280	165-0041	LF	MAINT OF CHECK DAMS - ALL TYPES -	5630.000	2.18	12302.00
0285	165-0060	EA	MAINT OF TEMP SEDIMENT BASIN,STA NO - -	7.000	1361.34	9529.39
0290	165-0087	EA	MAINT OF SILT CONTROL GATE, TP 3 -	56.000	55.19	3091.11
0295	165-0101	EA	MAINT OF CONST EXIT -	14.000	586.35	8208.96
0300	165-0105	EA	MAINT OF INLET SEDIMENT TRAP -	73.000	53.23	3885.79
0305	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING -	8.000	400.10	3200.82
0310	167-1500	MO	WATER QUALITY INSPECTIONS -	24.000	456.63	10959.23
0315	171-0030	LF	TEMPORARY SILT FENCE, TYPE C -	29000.000	3.20	93035.77
0320	603-2181	SY	STN DUMPED RIP RAP, TP 3, 18 -	180.000	47.83	8610.52
0325	603-7000	SY	PLASTIC FILTER FABRIC -	180.000	4.66	840.09
0330	700-6910	AC	PERMANENT GRASSING -	48.000	1039.82	49911.55
0335	700-7000	TN	AGRICULTURAL LIME -	138.000	106.07	14638.39
0340	700-8000	TN	FERTILIZER MIXED GRADE -	48.000	535.15	25687.27
0345	700-8100	LB	FERTILIZER NITROGEN CONTENT -	2400.000	2.18	5234.86
0350	710-9000	SY	PERM SOIL REINFORCING MAT -	2306.000	3.66	8439.96
0355	716-2000	SY	EROSION CONTROL MATS, SLOPES -	109000.000	0.81	88530.89
0360	636-1033	SF	HWY SIGNS, TP1MAT,REFL SH TP 9 -	230.000	19.59	4507.10
0365	636-1036	SF	HWY SGN,TP1MAT,REFL SH TP 11 -	1080.000	21.41	23122.80
0370	636-1072	SF	HWY SIGNS,ALUM EXTRD PNLS, RS TP 3 -	147.000	25.54	3755.27
0375	636-2070	LF	GALV STEEL POSTS, TP 7 -	730.000	7.68	5610.84
0380	636-2090	LF	GALV STEEL POSTS, TP 9 -	1478.000	6.28	9291.51
0385	636-3000	LB	GALV STEEL STR SHAPE POST -	977.000	5.27	5148.79
0390	639-2002	LF	STEEL WIRE STRAND CABLE, 3/8 -	107.000	11.11	1189.77
0395	639-4003	EA	STRAIN POLE, TP III -	4.000	7080.45	28321.81
0400	653-0110	EA	THERM PVMT MARK, ARROW, TP 1 -	3.000	69.63	208.92
0405	653-0120	EA	THERM PVMT MARK, ARROW, TP 2 -	67.000	75.69	5071.49
0410	653-0130	EA	THERM PVMT MARK, ARROW, TP 3 -	10.000	112.24	1122.45
0415	653-0170	EA	THERM PVMT MARK, ARROW, TP 7 -	12.000	106.62	1279.52
0420	653-0400	EA	THERM PVMT MARK, WORD, TP 21 -	3.000	316.00	948.00
0425	653-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI -	30931.000	0.41	12779.14
0430	653-1502	LF	THERMO SOLID TRAF ST, 5 IN YEL -	20355.000	0.40	8294.87
0435	653-1704	LF	THERM SOLID TRAF STRIPE,24,WH -	48.000	8.36	401.76
0440	653-1804	LF	THERM SOLID TRAF STRIPE, 8,WH -	862.000	2.69	2320.05
0445	653-3501	GLF	THERMO SKIP TRAF ST, 5 IN, WHI -	41016.000	0.22	9112.11
0450	653-6004	SY	THERM TRAF STRIPING, WHITE -	1767.000	3.84	6793.21

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JOB ESTIMATE REPORT

0455	653-6006	SY	THERM TRAF STRIPING, YELLOW -	173.000	4.34	751.63
0460	654-1001	EA	RAISED PVMT MARKERS TP 1 -	120.000	4.46	535.54
0465	654-1003	EA	RAISED PVMT MARKERS TP 3 -	627.000	4.25	2666.18
0470	647-1000	LS	TRAF SIGNAL INSTALLATION NO - UNION HILL ROAD	1.000	125000.00	125000.00
0475	626-0602	LF	TRAFFIC BARRIER, H -	390.000	150.00	58500.00
0480	627-1020	SF	MSE WALL FACE, 20 - 30 FT HT, WALL NO - -	5500.000	47.06	258860.64
0485	627-1030	SF	MSE WALL FACE, GTR 30 FT HT, WALL NO - -	6800.000	46.09	313448.31

ITEM TOTAL						19475115.81
INFLATED ITEM TOTAL						19475115.81
TOTALS FOR JOB 0014131						

ESTIMATED COST:						19475115.81
CONTINGENCY PERCENT (0.0):						0.00
ESTIMATED TOTAL:						19475115.81

February 22, 2017

AECOM
Mr. Scot Gero
Project Manager
1360 Peachtree Street, Suite 500
Atlanta, GA 30309



RE: PI: 00014131-SR 20 Corridor Widening (Cherokee County)

Dear Mr. Gero:

Please find below the Preliminary Cost Estimate for each utility owner with facilities potentially located within the project limits:

Cardno

6649 Peachtree Industrial Blvd
Suite I
Peachtree Corners, GA 30092
USA

Phone: +1 678 421 0080
Fax: +1 770 421 0082

www.cardno.com

FACILITY OWNER	REIMBURSABLE	NON-REIMBURSABLE	TOTAL
Southern Company (GPC Distribution)	\$1,975,000.00	\$0.00	\$1,975,000.00
Sawnee EMC (SEMC)	\$0.00	\$0.00	\$0.00
Southern Company (AGL)	\$0.00	\$117,340.00	\$117,340.00
AT&T Telecommunications (ATT)	\$0.00	\$0.00	\$0.00
Crown Castle (Sunesys (SUN))	\$0.00	\$272,000.00	\$272,000.00
Windstream Communications (WST)	\$0.00	\$446,000.00	\$446,000.00
Comcast Communications/CATV	\$0.00	\$160,000.00	\$160,000.00
Cherokee County Water	\$0.00	\$181,110.00	\$181,110.00
Cherokee County Sewer	\$0.00	\$0.00	\$0.00
TOTAL	\$1,975,000.00	\$1,176,450.00	\$3,151,450.00

This estimate which was prepared by Venesia Horne, our Sr. Utility Coordinator, is based upon the current information and is preliminary. Cost are subject to change as plans and designs are developed further.

If you have any questions please feel free to call.

Sincerely,

Brandon Crawford
Project Manager

Australia • Belgium • Indonesia • Kenya • New Zealand • Papua New Guinea
United Arab Emirates • United Kingdom • United States • Operations in 60 countries

GEORGIA DEPARTMENT OF TRANSPORTATION
PRELIMINARY ROW COST ESTIMATE SUMMARY

Date: 6/13/2017
Revised:

Project:
County: Cherokee
PI: 14131

Description: Widening of SR 20 from CR 281/Scott Rd to CR 762/Union Hill Rd
Project Termini:

Parcels: 101
Existing ROW: Varies
Required ROW: Varies

Land and Improvements \$10,013,100.00

Proximity Damage \$30,000.00

Consequential Damage \$275,000.00

Cost to Cures \$100,000.00

Trade Fixtures \$150,000.00

Improvements \$1,522,400.00

Valuation Services \$442,500.00

Legal Services \$668,175.00

Relocation \$1,357,250.00

Demolition \$561,000.00

Administrative \$924,500.00

TOTAL ESTIMATED COSTS \$13,966,525.00

TOTAL ESTIMATED COSTS (ROUNDED) \$13,967,000.00

Preparation Credits	Hours	Signature
Jared BSBUS	15	Jared BSBUS

Prepared By:

Approved By:

Wesley K. Brock
Wesley K. Brock

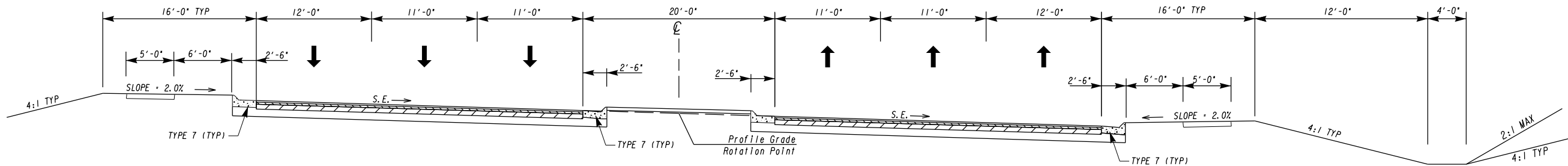
CG#: 5147

(DATE) 6/13/17

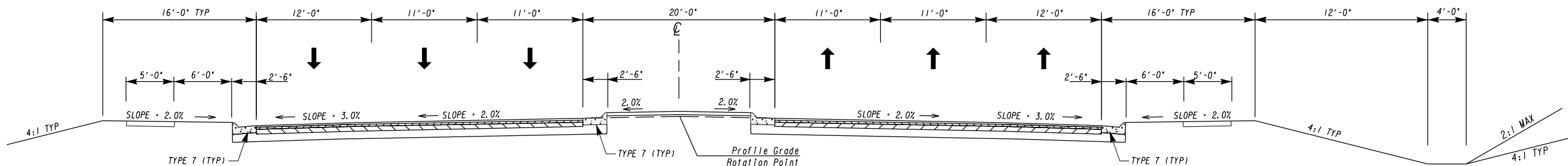
CG#: 6545

(DATE) 6/21/17 Revised 6/19/17

NOTE: No Market Appreciation is included in this Preliminary Cost Estimate



SUPERELEVATION
6 LANE, 20' RAISED MEDIAN



NORMAL CROWN
6 LANE, 20' RAISED MEDIAN

NOTICE OF LOCATION AND DESIGN APPROVAL
Cherokee County
P.I. No. 0014131

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: January 2, 2018

GDOT PI 0014131 is approximately 2.0 miles and proposes to widen SR 20 beginning just east of Scott Rd and ending just east of Union Hill Rd. The project is located in Cherokee County. The project is located in Land Lots # 274, 275, 302, 303, 310, 311, 937, 938, 1007, 1008, and 1009 and Land Districts 3rd and 14th.

GDOT PI 0014131 will widen SR 20 to six lanes (three lanes in each direction) separated by a raised median. There will be urban shoulders with curb and gutter and a 5 ft sidewalk on both sides of the road. Auxiliary turn lanes will be added at major driveways and intersections. The proposed design speed is 45 mph.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Keith Day, District 6, Area 1 Engineer
[Email:kday@dot.ga.gov](mailto:kday@dot.ga.gov)
874 Peebles Valley Rd.
Cartersville, GA 30120
Phone: (770) 387-3680

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Kimberly W. Nesbitt, State Program Delivery Administrator
Office of Program Delivery
Attn: Cleopatra James, Project Manager
[Email: cjames@dot.ga.gov](mailto:cjames@dot.ga.gov)
600 West Peachtree Street, 25th Floor
Atlanta, GA 30308
Phone: (404) 631-1546

Any written request or communication in reference to this project or notice SHOULD include the P.I. Number as noted at the top of this notice.